Name of Work:-Improvements to drains of Vayunandhan Layout Crossroads in Kempapura in ward no.07, Byatarayanapura

Estimated Cost:- 25.00 akhs

S.N	DESCRIPTION OF WORK	Unit	N	L	B	D	QTY	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10
1	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)								
	For L Shape BS Slab drainMasjid road		2	90.00	0.45	0.45	36.45		
	2 cross road		2	90.00	0.45	0.45	36.45		
	3rd cross		2	85.00	0.45	0.45	34.43		
	4th cross		2	72.00	0.45	0.45	29.16		
	Over burden earth		1	56.00	2.00	0.90	100.80		
	Desilting of drains		1	299.00	0.45	0.45	60.55		
					TOTAL		**297.83**	137.80	41042.00
	Basic Rate:	cum	**130.00**						
	Area Weightage @ 6%		7.80						
	Total		**137.80**						
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . **(Pg.No.13, It.4.3)**								
	For L Shape BS Slab drainMasjid road		2.00	90.00	0.45	0.15	12.15		
	2 cross road		2.00	90.00	0.45	0.15	12.15		
	3rd cross		2.00	85.00	0.45	0.15	11.48		
	4th cross		2.00	72.00	0.45	0.15	9.72		
					TOTAL		**45.50**	5408.12	246043.00
	Basic Rate:	cum	5102.00						
	Area Weightage @ 6%		306.12						
	Total		5408.12						
3	Providing granite slabs of selected quality reoughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5cms thick(Pg No.27, Item No.5.31.1)								
	For L Shape BS Slab drainMasjid road		4	90.00	0.45		162.00		
	2 cross road		4	90.00	0.45		162.00		
	3rd cross		4	85.00	0.45		153.00		
	4th cross		4	72.00	0.45		129.60		
					TOTAL		**606.60**	742.00	450098.00

	Basic Rate:	Sqm	700.00						
	Area Weightage @ 6%		42.00						
	Total		742.00						
4	Providing granite slabs of selected quality reoughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 10cms thick (Pg No.27, Item No.5.31.2)								
	BS Slab covering only in front of Houses		1	160	0.60		96.00		
	Masjid road		2	90.00	0.45		81.00		
	2 cross road		8	90.00	0.45		324.00		
	3rd cross		8	85.00	0.45		306.00		
	4th cross		8	72.00	0.45		259.20		
					TOTAL		**1066.20**	966.72	1030717.00
	Basic Rate:	Sqm	912.00						
	Area Weightage @ 6%		54.72						
	Total		966.72						
5	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)								
	Nethajinagara 2nd main road to 1st main road		1	299.00	0.60	0.9	161.46		
					TOTAL		**161.46**	2226.00	359410.00
	Basic Rate:	Sqm	2100.00						
	Area Weightage @ 6%		126.00						
	Total		2226.00						
6	KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 1000,2300 Page No. 255, Item No. 34.7.8, PWD SR 2018-19								
			8	1.50	--	--	12.00		
					TOTAL		**12.00**	5976.28	**71715.36**
	Basic Rate:	mtr	5638.00						
	Area Weightage @ 6%		338.28						
	Total		5976.28						
7	Providing 100mm and down size nominal size. (Pg No.I.Item No.23)								
	For Pit		8	0.28		0.60	1.36		
	(3.14x0.6*0.6)/4	Cum			**TOTAL**		**1.36**	987.62	**1343.16**
8	Providing 40mm and down size nominal size (Pg No.II.Item No.25)								

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For Pit		8	0.28		0.40	0.90		
(3.14x0.6*0.6)/4	Cum				**TOTAL**	**0.90**	1091.43	**982.29**
Providing 20mm and down size nominal size (Pg No.II.Item No.28)								
For Pit		8	0.28		0.40	0.90		
(3.14x0.6*0.6)/4	Cum				**TOTAL**	**0.90**	1091.43	**982.29**
Providing Fine aggrgate 2.36mm nominal size (Pg No.II.Item No.32)								
For Pit		8	0.28		0.30	0.68		
(3.14x0.6*0.6)/4	Cum				**TOTAL**	**0.68**	1054.29	**716.92**
KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 136, item No. 17.1)								
Basic Rate	cum	**57.00**				297.83	94.34	28098.00
Rs. 2.50 Tonne Km.								
Average Weight of earth 1.28 Tonne/Km.								
For 10 Km								
Rs.2.50X1.28TonneX10K		**32.00**						
Total		**89.00**						
Add Area Weightage6%		**5.34**						
		94.34						
					Sub Total			2231148.01
					Add 12% GST charges			267737.76
					Miscelleneous charges			1114.22
					Total			2500000.00

1)This is certified that the work spot comes under BBMP limits only.
2) The work spot is inspected by me
3) The items Provided in the Estimate are quite Essential
4)The rates are as per CSR of 2018-19 year of PWD Bangalore Circle.

Asst.Engineer
Ward no.7

Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

Executive Engineer
Byatrayanapura Division
B.B.M.P.

Administrative Approval
Accorded For RS 25 w lakhs only
Head of A/C P1771
CER NO :25 Dt:09-05-2019

TA CE (YNK)

Technical Sanction
Accorded For RS 25 w lakhs only
Head of A/C P1771
CER NO :11 Dt:09-05-2019

TA CE (YNK)